



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5061

|                             |                                       |              |                        |                                       |
|-----------------------------|---------------------------------------|--------------|------------------------|---------------------------------------|
| SERIAL NUMBER<br>10/090,182 | FILING DATE<br>03/04/2002<br><br>RULE | CLASS<br>435 | GROUP ART UNIT<br>1647 | ATTORNEY<br>DOCKET NO.<br>126181-1014 |
|-----------------------------|---------------------------------------|--------------|------------------------|---------------------------------------|

## APPLICANTS

S. Christopher Bauer, New Haven, MO;

Mark Allen Abrams, St. Louis, MO;  
 Sarah Ruth Braford-Goldberg, St. Louis, MO; Maire Helena Caparon, Chesterfield, MO;  
 Alan Michael Easton, Maryland Heights, MO;  
 Barbara Kure Klein, St. Louis, MO;  
 John P. McKearn, Glencoe, MO;  
 Peter O. Olins, Lafayette, CO;  
 Kumnan Paik, Wilmette, IL;  
 John W. Thomas, Town & Country, MO;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a DIV of 08/764,114 12/09/1996 PAT 6,440,407  
 which is a CIP of 08/411,795 04/06/1995 PAT 5,604,116  
 which is a CIP of PCT/US93/11197 11/22/1993  
 which is a CIP of 07/981,044 11/24/1992 ABN

*ML* 3.15.05

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

*none ML 3.15.05*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 04/30/2002

|  |  |                        |                      |                            |
|--|--|------------------------|----------------------|----------------------------|
| Foreign Priority claimed<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no  | STATE OR<br>COUNTRY<br>MO  | SHEETS<br>DRAWING<br>1 | TOTAL<br>CLAIMS<br>8 | INDEPENDENT<br>CLAIMS<br>4 |
| 35 USC 119 (a-d) conditions<br>met<br><input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after<br>Allowance | Verified and<br>Acknowledged<br>Examiner's Signature <i>[Signature]</i> Initials <i>[Initials]</i> |                        |                      |                            |

## ADDRESS

37176  
 CAROL M. NIELSEN  
 WINSTEAD SECHREST & MINICK, P.C.  
 2400 BANK ONE CENTER  
 910 TRAVIS STREET  
 HOUSTON, TX  
 77002

TITLE

Method of ex-vivo expansion of hematopoietic cells using interleukin-3 (IL-3) multiple mutation polypeptides

FILING FEE  
RECEIVED  
824FEES: Authority has been given in Paper  
No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT  
No. \_\_\_\_\_ for following:☐ All Fees☐ 1.16 Fees ( Filing )☐ 1.17 Fees ( Processing Ext. of  
time )☐ 1.18 Fees ( Issue )☐ Other \_\_\_\_\_☐ Credit